

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(neutron adj (detect\$5 or sens\$5)) and (insulat\$5 with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L2	7	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier) with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L3	760	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L4	362	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L5	153	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L6	23	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L7	6	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and cell and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L8	6	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27

## EAST Search History

L9	12	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L10	120	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L11	57	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L12	5	(neutron adj (detect\$5 or sens\$5)) and ((memory adj cell) or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L13	442	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L14	1	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)and ((multiple or second) near (conversion near layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L15	2	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L16	2	(neutron adj (detect\$5 or sens\$5)) and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27

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L17	4	(neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:42
L18	5	(neutron adj (detect\$5 or sens\$5)) and (insulat\$5 with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L19	760	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L20	362	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L21	153	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L22	6	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and cell and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L23	120	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L24	442	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27

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L25	2	(neutron adj (detect\$5 or sens\$5)) and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L26	128	250/370.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L27	1	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)and ((multiple or second) near (conversion near layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L28	7	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier) with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L29	23	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L30	6	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L31	12	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L32	57	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27

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L33	5	(neutron adj (detect\$5 or sens\$5)) and ((memory adj cell) or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L34	2	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L35	4	(neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L36	196	257/252.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L37	78	438/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L38	398	L36 L37 L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L39	87	L38 and (neutron adj (detect\$5 or sens\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:27
L57	1	((neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (conversion with layer))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:43

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L58	46	((neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (layer))).cim.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 10:43
S1	5	(neutron adj (detect\$5 or sens\$5)) and (insulat\$5 with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:25
S2	7	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier) with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:38
S3	720	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:38
S4	349	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:38
S5	144	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:39
S6	21	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:40
S7	5	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and cell and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 17:40

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S8	5	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:19
S9	11	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:20
S10	104	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:20
S11	49	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:22
S12	5	(neutron adj (detect\$5 or sens\$5)) and ((memory adj cell) or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:31
S13	416	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:31
S14	1	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) near (conversion near layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:32
S15	2	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:35

## EAST Search History

S16	2	(neutron adj (detect\$5 or sens\$5)) and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:35
S17	3	(neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 21:35
S18	5	(neutron adj (detect\$5 or sens\$5)) and (insulat\$5 with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S19	7	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier) with (silicon adj nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S20	749	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S21	360	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S22	151	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S23	22	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12



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S24	5	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and cell and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S25	5	(neutron adj (detect\$5 or sens\$5)) and ((insulat\$5 or barrier)) and (boron or lithium) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S26	11	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and 250/370.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S27	113	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S28	55	(neutron adj (detect\$5 or sens\$5)) and (cell or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S29	5	(neutron adj (detect\$5 or sens\$5)) and ((memory adj cell) or CDD or DRAM or SRAM) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S30	438	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S31	1	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) near (conversion near layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12

## EAST Search History

S32	2	(neutron adj (detect\$5 or sens\$5)) and "250"/\$ and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S33	2	(neutron adj (detect\$5 or sens\$5)) and (boron or lithium) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S34	4	(neutron adj (detect\$5 or sens\$5)) and ((multiple or second) with (conversion with layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:12
S35	126	250/370.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:15
S36	194	257/252.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:16
S37	76	438/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:16
S38	392	S36 S37 S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:16
S39	86	S38 and (neutron adj (detect\$5 or sens\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 10:16